

Russian-Japanese Workshop on Organofluorine Chemistry

MONDAY, DECEMBER 17TH

VENUE – NIOCH SB RAS (9 Lavrentiev Avenue), conference-hall, 2nd floor

Time	<i>Scientific program</i>
10:00	<u>OPENING CEREMONY</u>
	<u>SESSION 1</u>
10:10	Takashi YAMAZAKI (Prof., Tokyo University of Agriculture and Technology) "INTERESTING ISOMERIZATION REACTIONS INITIATED BY THE ABSTRACTION OF A PROTON ACTIVATED BY A CF ₃ GROUP" (60 min)
11:20	Vadim V. BARDIN (Dr. Sci., Leading Researcher of Laboratory of Halogen Compounds NIOCh SB RAS) "TRANSFORMATIONS OF POLYFLUOROORGANOTRIFLUOROBORATES WITHOUT C-B BOND CLEAVAGE" (20 min)
11:50	Yoshitomi MORIZAWA (Dr., AGC Inc. Innovative Technology Research Center, Technology General Division) "COMPANY OVERVIEW AND INTRODUCTION OF SOME FLUOROORGANIC MATERIALS IN AGC" (15 min)
12:10	<u>COFFEE BREAK</u>
	<u>SESSION 2</u>
12:30	Evgeny V. TRETYAKOV (Dr. Sci., Deputy Director for Science, NIOCh SB RAS) "A NEW APPROACH TO FLUORINATED NITRONYL NITROXIDES" (20 min)
13:00	Fumihiko YAMAGUCHI (Dr., DAIKIN INDUSTRIES, LTD) "DAIKIN'S BUSINESS OVERVIEW" (15 min)
13:25	<u>LUNCH</u>
	<u>SESSION 3</u>
15:00	Yaroslav V. ZONOV (PhD., Senior Researcher - Laboratory of Halogen Compounds NIOCh SB RAS) "CARBONYLATION OF PERFLUOROBENZOCYCLOALKENES AND THEIR PERFLUOROALKYL AND PENTAFLUOROPHENYL DERIVATIVES IN SBF ₅ MEDIUM" (20 min)
15:30	Norio SHIBATA (Prof. – Nagoya Institute of Technology) "SYNTHESIS OF SF ₅ -PYRIDINES" (40 min)
16:20	Eugenii V. MALYKHIN (Dr. Sci., Chief Researcher, Laboratory of Heterocyclic Compounds NIOCh SB RAS) "SELECTIVE ONE-POT MONO-, DI- OR TRIAMINODEFLUORINATION OF POLYFLUOROARENES IN ANHYDROUS AMMONIA – THE CONVENIENT ROUTE TO MONOMERS AND BUILDING BLOCKS FOR FLUORINATED POLYIMIDES AND OTHER HI-TECH MATERIALS" (20 min)
16:50	Pavel A. ZAIKIN (Junior Researcher - Group of studying of mechanisms of organic reactions NIOCh SB RAS) "1,1-DIFLUORO-2(1H)-NAPHTHALENONES: SYNTHESIS, PROPERTIES AND APPLICATIONS" (15 min)